

**OBSERVATION REPORT NO. 12**

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Project: **Woburn Fire Headquarters**

Date: 18 August 2021

Location: Job Site

Attendees: Woburn Fire Department (WFD)	Donald Kenton, Chief
Municipal Building Consultants (MBC)	Pat Saitta Dick Murphy
Langone Associates	Chick Langone (partial)
DiNisco Design (DD)	Rick Rice Anne Davis Woodacre
Industrial Communications	Chris Mitchell (partial)
G&R Construction (G&R)	Dan Aylward Ian McCallion Dave Bacchiocchi Brad Donovan

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Action	Date
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**A. SAFETY AND SECURITY**

A16.

**B. OWNER ISSUES**

---	05/14/21	B02.	Work under separate contracts will consist of:
DiNisco	05/14/21	B02.1	FF&E including Communications and Technology.
WFD	06/23/21	B02.1.01	CARES Act: Chief Kenton noted that they are applying for grants under the CARES Act to purchase FF&E and technology. He noted the grant period ends 12/32/21. WFD and DiNisco will coordinate and update the FF&E budget accordingly. [06/30/21: The chief reported that WFD identified computers and medical equipment as items potentially eligible for grants. DiNisco will note these items potentially in the budgets as possibly being purchased outside of the project budget.]
DiNisco	06/30/21		



---	06/30/21 07/14/21 08/11/21 08/18/21	B02.2.01	Tower PO: Following the meeting, MBC, DiNisco, WFD and LA met at the site and reviewed the tower quotes received. LA will reach out to Industrial Communications to discuss the foundation observation and EOR affidavit cost line items. LA will also question them on the "delivery within 60 days" clause. It was discussed that a PO should be issued ASAP to lock in prices. [07/14/21: The tower PO has been issued. The tower vendor should submit the foundation design ASAP. G&R will advise via the project schedule when they want the tower to be delivered and erected.] [08/11/21: It was discussed that G&R wants tower foundation work to begin after 02/28/21 (say beginning 03/01/21) so that the major envelope construction work is done and there are not conflicting activities at the rear of the site. The vendor has proposed their work would be done by 12/31/21. DiNisco will review with vendor.] [08/18/21: See Item B.12.] Record Item.
---	07/21/21 08/04/21 08/11/21 08/18/21	B02.2.02	Tower Foundation: DiNisco will inquire as to when tower foundation design will be submitted by vendor; G&R has requested this information ASAP to hold reinforcing price. [08/04/21: The tower foundation drawings have been received by DiNisco, who forwarded them to G&R for preparation of reinforcing shop drawings. DiNisco reported that they will forward the reinforcing shop drawings to the tower vendor for review and approval by the tower EOR.] [08/11/21: FBRA has reviewed the rebar submittal for the tower foundations. DiNisco will forward to Industrial for their EOR's approval.] [08/18/21: Rebar drawings forwarded to the tower EOR.]
DiNisco	08/04/21 08/11/21	B02.2.03	Tower Engineering Drawings: Tom Quinn requested a copy of the tower drawings which DiNisco noted have been stamped and signed by the tower EOR. [08/11/21: Brian Gingras informed DiNisco that a separate building permit application is to be submitted for the tower. DiNisco will do so using the drawings prepared by the vendor's EOR.]
---	08/04/21 08/11/21 08/18/21	B02.2.04	Tower Coordination Meeting: With tower related antenna conduits and grounding to be coordinated, it was agreed that the tower vendor, Industrial Communications, will be asked to come to a job meeting in the near future. [08/11/21: Coordination meeting scheduled for 1:00 PM 08/18/21.] [08/18/21: See Item B.12.] Record Item.
Woburn	05/14/21	B02.4	City will mill and pave Main Street after utility work is done.

G&R	05/26/21 06/16/21 07/14/21 08/11/21 08/18/21	B06.	Subcontractor Bid Bonds: It was requested that G&R advise as filed subcontractors' contracts are finalized so that the City may return bid bonds. [06/16/21: G&R reported subcontracts have started to be signed and returned. G&R will advise when all subs are signed so that City may return all bid bonds at once.] [07/14/21: G&R is awaiting a couple more subcontracts to be returned.] [08/11/21: G&R believes all subs are signed and will confirm the next couple days.] [08/18/21: G&R reported they have received all but one bond from the filed subs.]
City	06/30/21	B07.1	Topping Off Ceremony: The City has decided to have a topping off ceremony. G&R noted the steel would be "topped off" late fall (November), and a beam could be provided for signing.
---	06/30/21	B09.	Traffic Signal Coordination: Following the meeting, WFD, G&R, MBC and DiNisco met with Jay Corey / City Engineer and Scott Niss / Dagle Electric (DE) at the job site to discuss coordinating the traffic signal work with the ongoing construction of the HQ. The following was noted.
---	06/30/21	B09.1	The bulk of Dagle's work consists of two foundations for traffic lights on either side of the Apparatus Bay apron and an underground conduit between them. DE noted the soonest the foundations could be scheduled would be late August '21.
G&R DE City Eng. MBC	06/30/21 07/14/21 08/11/21	B09.3	G&R requested a copy of the traffic signal construction drawings so that the impact on the construction project can be determined and the signal work scheduled in coordination with G&R's work. [Postscript: Provided by DiNisco later on 06/30.] [07/14/21: DiNisco noted that Dagle Electric is responsible for performing soil borings at the two signal pole locations on site; G&R to coordinate access with Dagle.] [08/11/21: MBC reported that Jay Corey has instructed Dagle to coordinate with Dave Bacchiocchi and Dick Murphy on the timing and logistics of performing the soil borings.]
---	06/30/21	B09.4	DE noted the lead time for mast and arms is approximately six months. Jay Corey confirmed that the new signal shall be operational before the existing mast (which currently falls in the new apron) can be removed. If not, temporary signalization would be required.

---	06/30/21	B10.	Municipal Fire Alarm Infrastructure: Following the meeting at the job site, Jay Corey, DE, WFD, MBC, DiNisco and Chick Langone (LA) discussed the underground conduits that must be installed around Station Three in order to reroute City FA cabling from Station Three to the new HQ. It is being proposed that Dagle Electric work through Woburn's CH 90 contract with D&R, to which DE is a sub.
DE City Eng. WFD	06/30/21 08/04/21 08/11/21 08/18/21	B10.1	Dagle Electric will review the LW Bills diagram and formulate questions to assist in formulating a change order proposal for the work needed. These questions will be answered with input by LW Bills and WFD. [08/04/21: MBC has reached out to Jay Corey to determine the status of Dagle's quote.] [08/11/21: MBC reported that Jay Corey will be meeting with Dagle and WFD's alarm supervisor to confirm conduit routing at Station 3.] [08/18/21: The chief will take the lead in coordinating the meeting with Dagle, Jay Corey, LW Bills and the Alarm Superintendent.]
---	06/30/21	B10.2	Traffic Cabinet: The new traffic cabinet's size and location need to be pinned down, given that the old station three may be sold off by the City. Jay Corey will assist in determining a location for the cabinet once a size can be determined.
G&R LW Bills Dagle	07/31/21	B10.4	Municipal Alarm Cabling and Equipment: Chief Kenton noted that the City is issuing a contract for the cabling dispatch equipment to LW Bills. It was discussed that a coordinating meeting be scheduled soon with G&R, Bills and Dagle so that the needed back boxes can be installed.
---	08/18/21	B12.	Tower Coordination Meeting: Industrial Communications met with Langone Associates, DiNisco, MBC and G&R to review the schedule of the tower work.
Industrial	08/18/21	B12.1	Ground Wire: G&R intends to begin excavating within the HQ building for the antenna conduits next week. It was discussed and agreed that Industrial will have an electrician on site next week to run the ground wire in the same trench as the conduits. It was discussed and agreed that the ground wire will be run to just outside the east apparatus bay door where it will be spliced when the conduits are fully extended to the tower foundation.

---	08/18/21	B12.2	Antenna Conduits: G&R presented a new underslab conduit plan for the tower. Industrial and Langone agreed it was acceptable. After discussion, G&R decided to run the conduits from the MDF to the east apparatus bay door, rather than just install a sleeve at the grade beams.
Industrial G&R	08/18/21	B12.3	Tower Foundation: G&R expects to begin construction on the tower foundation in a few weeks, and will need Industrial to furnish the tower anchor bolts.
G&R Industrial LW Bills	08/18/21	B12.4	Tower Erection: G&R stated that the tower erection should begin on or about 03/01/21. Industrial advised that they will need a week to mobilize, with the tower erected in one day, and another week to wire it.
---	08/18/21	B12.5	Tower Storage (Postscript): It was agreed that the City will pay Industrial \$350 /mo. for storage of the tower, commencing 10/26/21 to 03/01/22.

B13.

### C. PERMITS & INSPECTIONS

---	08/18/21	C11.	Utility Coordination: G&R has met with the City Engineer, DPW and the water department on the utility work in the street. G&R reported that work can begin once the DOT permit "goes live".
G&R	08/18/21	C11.1	DOT Box: G&R noted that there is a DOT Box in the sidewalk where the south curb cut is to be constructed. G&R will investigate and advise.

C12.

### D. CONSTRUCTION SCHEDULE

G&R	05/14/21 05/26/21	D02.	Progress Schedule (Bar Chart - 15 days NTP; CPM within 90 days). [05/26/21: G&R distributed the bar chart schedule and logistics plan at the meeting (copy attached).]
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G&R	05/26/21 06/09/21 06/16/21 06/30/21 07/14/21	D04.1	Baseline Schedule: MBC requested that G&R prepare a baseline schedule for the specified 14-month project duration assuming timely delivery of joists. The purpose of the baseline is to enable MBC to compare it with the actual schedule based on delayed joist lead times. [06/09/21-Postscript: G&R distributed their baseline schedule (copy attached). G&R will formally submit a time extension request with back up as a Proposed Change Order (contract time revision).] [06/16/21: MBC asked that G&R assemble the time extension request at their earliest convenience so that it may be reviewed and the matter finalized.] [06/30/21: Rather than rush this submittal, MBC urged that G&R refer to the specification requirements for preparing the project schedule.] [07/14/21: G&R reported that the CPM has been drafted, and durations must be reviewed with the subs. MBC noted that it is more important for this schedule to be as accurate as possible than it is to make the 90 day submission deadline.]
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--- 08/18/21 D13. Look Ahead: G&R reviewed the three week schedule (attached), noting the following:

- Excavation of interior footings at HQ ongoing.
- Support Building plumbing will be inspected 08/18.
- G&R in process of determining whether street utility work or underground retention area work will be the next priority, noting it will be congested to do both at same time.

D14.

#### **E. SUBMITTAL SCHEDULE**

---	06/16/21 06/23/21 08/18/21	E06.	Submittal Schedule: G&R advised that they will forward their submittal schedule by EOD 06/21/21. [06/23/21: G&R distributed at the meeting their first pass at the submittal schedule (attached), noting subsequent updates will break items down by spec paragraph. G&R is also working on a material tracking log.] [08/11/21: MBC requested that G&R update the submittal schedule.] [08/18/21: G&R distributed an updated submittal schedule on 08/16/21.] Record Item.
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FBRA	08/11/21 08/19/21	E07.	Steel Shop Drawings: G&R advised that steel shop drawings will begin to be submitted by sequence starting 08/12/21. [08/19/21-Postscript: Steel shop drawings were submitted beginning 08/19.]
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E08.

#### **F. SUBMITTALS**

G&R	05/14/21	F08.	Weather Protection / Temporary Heating Plan to be submitted within 30 days of NTP.
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G&R 05/14/21 F10. Construction Indoor IAQ Plan to be submitted within 21 days of NTP.

--- 08/18/21 F23. Submittal Log: G&R reviewed submittal log with priority items highlighted (attached). Record Item.

F24.

### G. COORDINATION DRAWINGS

G&R 06/16/21 G06. Coordination Drawings: G&R reported coordination drawings process has begun. [06/23/21: G&R reported underground coordination is underway, and noted MEP coordination will begin when steel fabricator has completed their model.] [08/11/21: G&R reported that the MEP subcontractors are using the same consultant to prepare the coordination drawings, and that coordination process has begun. G&R stated the coordination drawings will be submitted for review after the steel fabricator completes the structural model and it is incorporated in to the MEP model.]

DiNisco 07/14/21 G06.1 Underslab Coordination Drawings: G&R expects to submit the underslab drawings by 07/16. [07/21/21: Underslab coordination drawings submitted 07/23; G&R requested expedited review.] [07/28/21: The underground utilities drawings have been returned "Revise and Resubmit". G&R noted they will be resubmitted by the end of this week.] [07/30/21- Postscript: Coordination drawings resubmitted; design team to expedite review.] [08/04/21: Underslab coordination to be returned with further coordination of antenna conduits with tower vendor necessary. DiNisco explained that Brothers is currently showing more 45° bends than were shown on the site electrical plan, and that it may be difficult to pull the antenna cables with additional bends. DiNisco requested that Brothers mark the site electrical plan with the entire intended conduit route from tower to MDF for review.] [08/11/21: The revised underground coordination drawing has been returned Revise and Resubmit by DiNisco because the full conduit run to the tower was not included.] [08/18/21: G&R had updated drawing for discussion at the tower coordination meeting with Industrial and later submitted them formally for approval.]

G07.

### H. PAYROLL REPORTS

H05.

**I. REQUISITIONS**

G&R 05/14/21 I06. Schedule of Values shall be submitted ASAP for the Architect's and consultants' review and approval.

--- 05/14/21 I06.1 The schedule of values must be approved prior to being paid any moneys.

--- 07/28/21 I11. Application for Payment #3 (Postscript): G&R submitted the July  
08/02/21 pencil req for MBC and DiNisco review on 07/30. [08/02/21-  
08/04/21 Postscript: Pencil review comments forwarded to G&R on 08/02;  
08/11/21 G&R to have final req for signature at 08/04/21 job meeting.]  
08/18/21 [08/04/21: MBC to deliver signed requisition to the City for  
processing and payment following the meeting.] [08/11/21: G&R  
reported receiving a check several days ago for less than \$5,000,  
but they have not yet received payment for July. MBC will  
investigate at City Hall.] [08/18/21: G&R received a check for July.]  
Record Item.

G&R 08/18/21 I12. August Pencil Requisition: G&R will submit August pencil req for  
review week of 08/23.

I13.

**J. CHANGE ORDERS**

J04.

**K. CONSTRUCTION CHANGE DIRECTIVES (CCD)**

--- 07/23/21 K06. CCD #03 (Postscript): DiNisco issued CCD #03 for foundation  
08/19/21 sleeves for additional fire alarm conduits on 07/23. [08/19/21-  
Postscript: Included in CR #07 submitted 08/19.]

K07.

**L. FIELD ORDERS**

L05.

**M. PROPOSAL REQUESTS**

DiNisco 07/26/21 M04. Proposal Request #002 (Postscript): DiNisco issued PR #002 for  
08/19/21 additional fire alarm conduits to G&R on 07/26. [08/19/21-  
Postscript: CR #07 submitted for review on 08/19.]

DiNisco 08/02/21 M05. Proposal Request #003 (Postscript): DiNisco issued PR #003 for an  
08/17/21 additional power/data floor box in a conference room on 08/02.  
[08/17/21: CR #08 submitted for review on 08/17.]

M06.



**O. REQUEST FOR INFORMATION**

TEC 08/18/21 O14. RFI Log: As of 08/18, there are 6 open RFI's. (log attached) G&R requested the underslab conduit RFI's be expedited by the design team.

O15.

**P. DEMOLITION**

P01.

**Q. SITE WORK**

G&R 05/14/21 Q07. G&R will coordinate the road work with the DPW (DOT). [08/04/21:  
08/04/21 Noting work will begin soon, Tom Quinn requested that G&R secure road plates to avoid neighbor noise complaints. MBC also recommended that G&R contact WPD to schedule details. G&R noted they are in receipt of and will follow the DOT requirements for the road work.]

G&R 05/14/21 Q08. Foundation As-Built Survey: Tom Quinn informed G&R that they are  
08/04/21 to submit an as-built survey locating the buildings and tower foundation upon completion of the foundation work. [08/04/21: Tom Quinn advised that G&R is to submit the foundation as-built before vertical construction begins, noting that the tower foundation as-built may be shown on the site as-built drawing.]

--- 05/26/21 Q10. Site Preconstruction Conference: A Preconstruction Conference for  
06/16/21 site work, including drainage and utilities, will take place at 1:00 PM, Wednesday, 06/16/21. Attending will be Horsley Witten and G&R's site contractor. [06/16/21: The site pre-construction meeting took place on 06/16. G&R's agenda is attached. The following was noted during the course of the discussions:

G&R 06/16/21 Q10.1 Site Improvement / Landscaping Meeting: A separate  
DiNisco meeting will be scheduled with Brown Sardina to review  
BSI site improvements and landscape pre-construction items.

- 06/16/21 Q10.3 Unitized Retaining Wall: Initial submittal returned Revise  
07/29/21 and Resubmit; resubmittal of non-specified precast wall  
08/19/21 shall be accompanied by a Substitution Request Form.  
BSI would likely want to see in place installation in order  
to approve a substitution. RJP noted proposed wall is  
installed in North Woburn.[ 07/29/21-Postscript:  
Submittal record received by DiNisco, reviewed with  
Chief Kenton and returned to G&R. Substitution is  
accepted. G&R to complete submittal per review  
comments.] [08/19/21-Postscript: On 08/18/21, shop  
drawings were submitted and on 08/19/21 they were  
returned approved.] Record Item.
- G&R 06/23/21 Q11. Ledge / Boulder Removal: G&R noted that some ledge will need to  
MBC 06/30/21 be broken in the northeast corner of the support building to provide  
07/21/21 a 12 inch cushion under the footing as specified. Also, some  
08/04/21 boulders have been encountered. G&R and MBC will collaborate on  
measurement, with the volumes charged against the allowances.  
[06/30/21: Quantification of rock removal has been going smoothly.  
G&R will invoice for rock materials removed so far from specified  
allowances.] [07/21/21: G&R will include these costs with the  
pencil requisition for July.] [08/04/21: G&R will include these costs  
on the August requisition.]
- 08/18/21 Q12. Temporary Fence: G&R noted the as-built location of a portion of  
the fence is in the "wrong" location and must be relocated to  
perform drainage work.

Q13.

## R. ARCHITECTURAL

- 07/28/21 R02. Pre-Construction Conference Schedule: MBC asked G&R to  
08/11/21 provide a schedule of upcoming pre-construction conferences.  
G&R will do so, noting the next will be for slabs / flooring.  
[08/11/21: G&R several days ago sent an email outlining next  
conferences. G&R noted the pre-steel conference will likely be next  
one scheduled.]
- G&R 08/04/21 R02.1 Envelope Meeting: MBC recommended scheduling the  
envelope coordination meeting soon. It was discussed  
that for the meeting to be effective, envelope  
submissions should first be submitted and approved.  
G&R will initiate the process by reaching out to the  
envelope subcontractors to expedite complete  
submissions.

G&R        07/28/21   R03.   Mock-up Wall Panel: It was discussed and agreed that the mock-up panels will be constructed at the northwest corner of the site, finish side facing the street. DiNisco stated that other than perhaps mortar color selection, the panel is intended for construction quality control, not color selection. For example, metal panels and windows installed in the mock-up need not be the specified colors.

Subs

R04.

#### **S. STRUCTURAL**

G&R        06/09/21        S01.2.02   Hot Weather Concrete: G&R to advise if ice will be used to lower concrete temperatures. If so, FBRA advised that ice should be included as part of the total water included in the mix. Boston Concrete should also advise if, and how much, water is being withheld for addition at site during pour. [06/24/21-Postscript: Hot / cold weather concrete plan returned 06/24 - Resubmit for Record.] [06/30/21: Comments were mainly about slabs, and G&R reported they will submit for SOG/SOG separately.] [07/14/21: G&R noted slab work will start toward the end of August and a pre-construction conference with the concrete supplier, finisher and flooring subs will be scheduled beforehand.] [08/11/21: G&R reported that for this week's pour, the mixer drums will be cooled with ice water and the forms will be covered after the pour. G&R stated that if the weather is too hot the pour will be postponed.]

06/24/21

06/30/21

07/14/21

08/11/21

S05.

#### **T. FIRE PROTECTION**

T02.

#### **U. PLUMBING**

U02.

#### **V. HVAC**

V01.

**W. ELECTRICAL**

Brothers 06/30/21 W01. Temporary Power: The City has contacted Eversource to assist in  
07/14/21 the electrical subcontractor's request for temporary power.  
07/21/21 [07/14/21: G&R noted Brothers is still in discussion with  
07/28/21 Eversource, noting a tall temporary pole on the other side of Main  
08/04/21 Street may be needed. MBC noted the City Engineer stands ready  
08/11/21 to assist if requested.] [07/21/21: G&R reported that Brothers is  
08/18/21 trying to get the required mast height from Eversource, noting that a  
temporary pole is not necessary. G&R will contact the City Engineer  
for assistance with Eversource. MBC noted permanent power  
should be in place before another month of generator rental is  
necessary.] [07/28/21: G&R reported that they have been in contact  
with Eversource, and a 30' mast will be installed between the  
trailers. MBC again noted that the City offered assistance with  
Eversource, and urged that G&R get the temporary power  
connected before further generator rental is needed.] 08/04/21:  
G&R noted that they are trying to have Brothers commit to a day  
that they will install the mast. MBC reported that Eversource is  
ready on their end once Brothers has the mast installed and  
inspected.] [08/11/21: G&R reported the mast will be placed  
08/12/21.] [08/18/21: G&R reported that Eversource has informed  
Brothers that a transformer must be installed on the mast just  
installed and Eversource will need to inspect the mast to determine  
if it is acceptable.]

W02.

**X. HAZARDOUS MATERIALS**

X01.

**Y. MISCELLANEOUS**

Y13.

**ZA. COMMISSIONING**

Subs 05/14/21 ZA01. Work of the required SECTIONS requiring Commissioning shall  
07/28/21 include a separate line item value for this work on the Schedule of  
Values. [07/28/21: MBC asked that G&R confirm that  
commissioning has been identified in the MEP SOV's submitted thus  
far.]

ZA03.

**ZB. CONSTRUCTION CLOSEOUT**

ZB10.

**ZZ. CONSTRUCTION PROGRESS**

--- 08/18/21 ZZ11. Construction Progress: The architect walked the site and observed the following. Record Item.  
- Underground MEP: Ongoing at HQ and support building.

ZZ12.

The next Job Meeting will be held **Wednesday, August 25, 2021 at 1:00 PM at the Job Site.**

The discussions of this meeting are recorded as understood by the writer, who should be notified of any omissions or corrections. Unless the writer is notified to the contrary, these notes are presumed to be correct.

  
Richard N. Rice  
DiNISCO DESIGN

RNR/meh

cc: Mayor Scott Galvin  
Tom Quinn, Building Commissioner  
Brian Gingras, Paul D'Amore, Building Inspectors  
Jay Corey, City Engineer  
Jay Duran, DPW Superintendent  
Donald Kenton, WFD  
George Poole, WFD  
Pat Saitta  
Dick Murphy  
Janet Bernardo  
Mary Hall  
Heather Audet  
Bill Brown  
Joe Strayer  
Jon Buhl  
Steven Belanger  
Rachel Blandford  
John Sousa  
Frank Stramaglia  
Semoon Oh  
Jared Humphreys  
Kevin Murphy  
Eric Ganz  
Scott Goodrich  
Chick Langone  
Bob Mitchell  
Ken Gale  
James Alexander  
Anne Woodacre  
Bob Morel  
Ian McCallion  
Dan Aylward  
David Bacchiocchi

Enclosures: G&R 3-week Look Ahead dated 08/18/21  
G&R Submittal Log dated 08/18/21  
G&R COR Log dated 08/18/21  
G&R RFI Log dated 08/18/21

## Woburn Fire Headquarters

3 Week Look Ahead Schedule - Period thru September 3rd, 2021

**Prepared by: Dave Bacchiocchi**

**Date Issued:** August 18th, 2021

[illegible]

Report By: Bradford Donovan

Report Type: Open Items

Date: 8/18/2021

Project: Woburn Fire Headquarters

Total Items: 32

Log: Submittal

Days Open Calculated by: Calendar Days since date Initially Created

<u>Section</u>	<u>Item#</u>	<u>Description</u>	<u>Supplier or Manufacturer</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>Action</u>	<u>B-I-C</u>	<u>Days Open</u>
033000 Cast-in-Place Concrete	033000-011-0	Site Rebar Shop Drawings	Rebars and Mesh	08/11/2021	08/11/2021	08/11/2021			R-ASN	Consultant,Arch	7
033000 Cast-in-Place Concrete	033000-012-0	Flow Fill Mix Design	Boston Concrete	08/16/2021	08/16/2021					Consultant,Arch	2
040001 Masonry	040001-020-0	Main Building Rebar Shop Drawings	Commercial Masonry	08/16/2021	08/16/2021					Consultant,Arch	2
040001 Masonry	040001-021-0	Support Building Rebar Shop Drawings	Commercial Masonry	08/16/2021	08/16/2021					Consultant,Arch	2
040001 Masonry	040001-022-0	Face Brick Samples	Commercial Masonry		08/18/2021					Consultant,Arch	0
040001 Masonry	040001-023-0	Masonry Accessories Samples	Commercial Masonry		08/18/2021					Consultant,Arch	0
040001 Masonry	040001-024-0	Stainless Steel Drip Edge Sample	Commercial Masonry	08/18/2021	08/18/2021					Consultant,Arch	0
050001 Miscellaneous & Ornamental Iron	050001-002-0	Bollard Shop Drawings	Larkin Iron Works		07/21/2021					Consultant,Arch	28
055000 Miscellaneous Metals	055000-001-1	Loose Lintel Schedule	Larkin Iron Works		08/16/2021					Consultant,Arch	2
070002 Roofing & Flashing	070002-001-0	PVC Roofing Product Data	Greenwood		08/09/2021					Consultant,Arch	9
070002 Roofing & Flashing	070002-002-0	2.03 Vapor Barrier Product Data	Greenwood		08/09/2021					Consultant,Arch	9
070002 Roofing & Flashing	070002-003-0	2.04 Sheet Metal Flashing Product Data	Greenwood		08/09/2021					Consultant,Arch	9
070002 Roofing & Flashing	070002-003-1	2.04 Sheet Metal Flashing Product Data	Greenwood	08/16/2021	08/16/2021					Consultant,Arch	2
072100 Insulation	072100-002-0	Spray Foam Insulation Product Data	Quality Insulation		08/16/2021					Consultant,Arch	2
074213 Preformed Cladding	074213-001-0	2.01 Composite Metal Panel System Product Data	Facades		08/17/2021					Consultant,Arch	1
074213 Preformed Cladding	074213-002-0	2.02 Insulated Metal Wall Panel Product Data	Facades		08/17/2021					Consultant,Arch	1



Report By: Bradford Donovan

Report Type: Open Items

Date: 8/18/2021

Project: Woburn Fire Headquarters

Total Items: 32

Log: Submittal

Days Open Calculated by: Calendar Days since date Initially Created

Section	Item#	Description	Supplier or Manufacturer	Date from Subcontractor	Date from GC	Review by Consultant	Review by Architect	Return to Subcontractor	Action	B-I-C	Days Open
074213 Preformed Cladding	074213-003-0	2.05 Soffit Panel Product Data	Facades		08/17/2021					Consultant,Arch	1
080001 Metal Windows	080001-006-0	1.04 Aluminum Window & Storefront System Shop Drawings	Greenfield Glass		08/09/2021					Consultant,Arch	9
081113 Hollow Metalwork	081113-001-1	Doors & Frames Schedule	Kamco		08/17/2021					Consultant,Arch	1
081113 Hollow Metalwork	081113-002-1	HM Frames Shop Drawings	Kamco		08/17/2021					Consultant,Arch	1
081416 Wood & Plastic Doors	081416-001-1	Wood & HM Door - Shop Drawings & Product Data	Kamco		08/17/2021					Consultant,Arch	1
087100 Finish Hardware	087100-003-0	Door Hardware Schedule	Kamco	08/17/2021	08/17/2021					Consultant,Arch	1
102600 Prefabricated Specialties	102600-001-0	2.08 Confined Space Extraction Hatch Cut Sheet	G&R Construction		08/17/2021					Consultant,Arch	1
220001 Plumbing	220001-017-2	Trench Drains Shop Drawings	Araujo Brothers Plumbing		08/16/2021					Consultant,Arch	2
230001 Heating, Ventilating & Air Conditioning	230001-017-0	2.31 Cabinet Unit Heater (FCU) Product Data & Cut Sheet	CAM HVAC		08/03/2021					Consultant,Arch	15
260001 Electrical	260001-008-1	2.22-2.27 Emergency Generator System Product Data & Shop Drawings	Brothers Electrical		08/16/2021					Consultant,Arch	2
260001 Electrical	260001-009-0	2.12 Panelboard & Cabinets Product Data & Shop Drawings	Brothers Electrical		07/27/2021					Consultant,Arch	22
260001 Electrical	260001-010-0	2.12 Main Secondary Switch Board Product Data & Shop Drawings	Brothers Electrical		07/27/2021					Consultant,Arch	22
260001 Electrical	260001-011-0	Light Fixtures Product Data & Cut Sheet	Brothers Electrical	08/03/2021	08/03/2021					Consultant,Arch	15
260001 Electrical	260001-012-0	2.13-2.15 Receptacles, Switches, & Device Plates Product Data	Brothers Electrical		08/03/2021					Consultant,Arch	15
323223 Segmental Retaining Wall	323223-001-1	Segmental Retaining Wall Shop Drawings	RJ Pelchat		08/18/2021					Consultant,Arch	0
323223 Segmental Retaining Wall	323223-002-1	Segmental Retaining Wall Product Data	RJ Pelchat	08/18/2021	08/18/2021					Consultant,Arch	0

## Change Request Log by Status

G & R CONSTRUCTION, INC

Date: 8/18/2021

### 21-005 Woburn Fire Headquarters

Number	Date	Description	Amount	Change Order
<b>Not issued</b>				
4	6/28/21	(Unit Pricing) Foundation Excavation Changes		
6	6/29/21	(Steel Delay) Extension of Time Request		
7	7/28/21	(PR #002 and CCD#3) Additional Municipal Fire Alarm Conduit		
9	8/16/21	(FO #005) Backfill at Sanitary Line at Grid Line 17 - Flowable Fill		
<b>Not issued Total</b>			<b>0.00</b>	
<b>Submitted</b>				
3	6/22/21	(FSB Electrical Re-bid) Generators for Trailer Temp. Power	1,514.66	
5	6/29/21	(PR #001) Move Temporary Construction Fence	1,816.60	
8	8/17/21	(PR #003) Additional Floor Box at Conference Room 123	3,102.16	
<b>Submitted Total</b>			<b>6,433.42</b>	
<b>Approved</b>				
1	6/22/21	FSB Electrical Re-bid (For Owner Issued CO)	72,000.00	1
2	6/22/21	FSB HVAC Re-bid (For Owner Issued CO)	77,000.00	2
<b>Approved Total</b>			<b>149,000.00</b>	
Original Contract Amount:				17,647,000.00
Approved Contract Changes:				149,000.00
Revised Contract Amount:				17,796,000.00
Pending Contract Changes:				6,433.42

Report By: Bradford Donovan

Report Type: Open Items

Date: 8/18/2021

Project: Woburn Fire Headquarters

Total Items: 6

Log: RFI

Days Open Calculated by: Calendar Days since date Initially Created

<u>Category</u>	<u>Item#</u>	<u>Description</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>B-I-C</u>	<u>Days Open</u>
Architectural,Electrical	014	Zetron Conduit Stub Up Location	08/05/2021	08/05/2021				Consultant, Arch	13
Architectural,Electrical	015	Telecom Conduit Stub Up Location	08/05/2021	08/05/2021				Consultant, Arch	13
Architectural,Electrical	017	TL Box Location & Mounting Height	08/05/2021	08/05/2021				Consultant, Arch	13
Architectural,Structural	020	Relieving Angle Mounting Detail	08/12/2021	08/12/2021				Consultant, Arch	6
Architectural,Structural	021	Column Splice at Training Tower	08/13/2021	08/13/2021				Consultant, Arch	5
Architectural,Civil	023	DMH 13A Invert Elevation	08/17/2021	08/17/2021				Consultant, Arch	1